HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY 'S DOCKET NUMBER 3593.1000-003

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. PCT/US2004/026359

INTERNATIONAL FILING DATE 13 August 2004 (13.08.2004) EARLIEST PRIORITY DATE CLAIMED
13 August 2003 (13.08.2003)

TITLE OF INVENTION

(Revised) Effect of Beta-Glucan on Stem Cell Recruitment and Tissue Repair

APPLICANT(S) FOR DO/EO/US

Gordon D. Ross (deceased)

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. [x] This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.
- 2. [] This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.
- 3. [] This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- 4. [x] The US has been elected (Article 31).
- 5. [x] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. [] is attached hereto (required only if not communicated by the International Bureau).
 - b. [] has been communicated by the International Bureau.
 - c. [x] is not required, as the application was filed in the United States Receiving Office (RO/US).
- 6. [] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. [] is attached hereto.
 - b. [] has been previously submitted under 35 U.S.C. 154(d)(4).
- 7. [x] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. [] are attached hereto (required only if not communicated by the International Bureau).
 - b. [] have been communicated by the International Bureau.
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
- d. [x] have not been made and will not be made.
- 3. [] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- 9. [] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- 10. [] An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- 11. [x] An Information Disclosure Statement under 37 CFR 1.97 and 1.98 w/PTO Form 1449 (3 pgs) w/references and a copy of the International Search Report.
- 12. [] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13. [x] A preliminary amendment (3 pgs).
- 14. [] An Application Data Sheet under 37 CFR 1.76.
- 15. [] A substitute specification.
- 16. [] A power of attorney and/or change of address letter.
- 17. [] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 1.825.
- 18. [] A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- 19. [] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- 20. [] Other items or information:

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U.S. APPICATION N	568.2.6 1.5)	INTERNATION PCT/US2	ONAL APPLICATIO 004/026359)N NO.	ATTORNEY' 3593.1000-00	S DOCKET NUMBER 3	
The following fees have been submitted						CALCULATIONS	PTO USE ONLY '
21. [x] Basic national fee (37 CFR 1.492(a))						\$300	
22. [x] Exan	nination fee (37 CFR						
	nion prepared by ISA						
examination repo	ort prepared by IPEA/						
	1)-(4)					\$200	1
All other situations						\$200	
If the written opinion of the ISA/US or the International preliminary examination							
report prepared l	by IPEA/US indicates	all claims	satisfy provisio	ons of PCT Article		•	·
33(1)-(4)					\$0		
Search fee (37 C	FR 1.445(a)(2)) has b	een paid o	n the internatio	nal application to t	he		Į
	ternational Searching				\$100		
International Sea	arch Report prepared b	y an ISA o	other than the U	JS and provided to	0400		
	viously communicated					\$500	
All other situation	ons			• • • • • • • • • • • • • • • • • • • •	\$300_	\$1,000	
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[] Addition	nal fee for specificatio	n and draw	rings filed in pa	aper over 100 sheet	S		
(excludi	ng sequence listing in listing in an electroni	complianc	e with 3 / CFR	1.821(c) or (e) or (computer		1
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Total Sheets	Extra sheets			nal 50 or fraction whole number)	RATE		
		thereof	(round up to a	whole number)	w \$250	\$0	
	35 - 100 = 0 /50 = x \$250					30	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						\$	
CLAIMS							
CLAIMS	Nomber		EXTRA				
Total clain	ns 8	- 20 =	0	x \$50	x \$50 \$0		
Independent claims 4			1	x \$200		\$200	
		S) (if appli	cable)	+ \$360		\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 TOTAL OF ABOVE CALCULATIONS =						\$1,200	
[] Applicant	claims small entity sta					\$	
[] Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL =						\$1,200	
Drogoning for	of \$130 00 for firmish	ng the Fra	rlich translation				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						\$	
TOTAL NATIONAL FEE =						\$1,200	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be							
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						\$	
	,FFF	\$1,200					
				OTAL FEES ENC		Amount to be	\$
						refunded:	
						Amount to be	\$
						charged:	<u></u>

IAP9 Rec'd PCT/PTO 13 FEB 2006

U.S.	APPLICA	100 No. (iskneyn 2ce 37 Off 1.5)	INTERNATIONAL APPLICATION NO. PCT/US2004/026359	ATTORNEY'S DOCKET NUMBER 3593.1000-003						
a.	[x]	A check in the amount of \$1,200 to cover the above fees is enclosed.								
b.	[]	Please charge my Deposit Account No. 08-0380 in the amount of \$[] to cover the above fees. A duplicate copy of this sheet is enclosed.								
c.	[X]	The Commissioner is hereby authorized to charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A duplicate copy of this sheet is enclosed.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.										
Ali Cu	ce O. C stomer	CORRESPONDENCE TO: Farroll, Esq. No. 021005	<u>Allell</u>	D. Cawoll SIGNATURE						
HAMILTON, BROOK, SMITH & RE 530 Virginia Road P.O. Box 9133 Concord, MA 01742-9133		ia Road	TINOLDS, F.C.	Alice O. Carroll NAME						
		MA 01742-9133		33,542 REGISTRATION NUMBER						